

Name: \_\_\_\_\_

## Chemical Properties of Matter

A chemical property can only be observed by changing the chemical identity of a substance. (The matter is never destroyed... particles are only rearranged.)

Examples of chemical properties are; ability to corrode (rust), ability to explode, ability to burn. Changes in these chemical properties can be observed by changes in color, odor, production of gases or solids, and absorbing or releasing energy.

Directions: Color the phrases written below that illustrate an example of a chemical property having been changed so that it cannot be returned to its original form. Discuss the chemical properties and changes that have occurred.

erosion

fireworks explosion

bicycle metal rusting

milk that has soured

baking a cake

folding a piece of paper

mold on bread

frying an egg

autumn leaves

dissolve salt in water

sugar turned to caramel